

(19) World Intellectual Property Organization
International Bureau



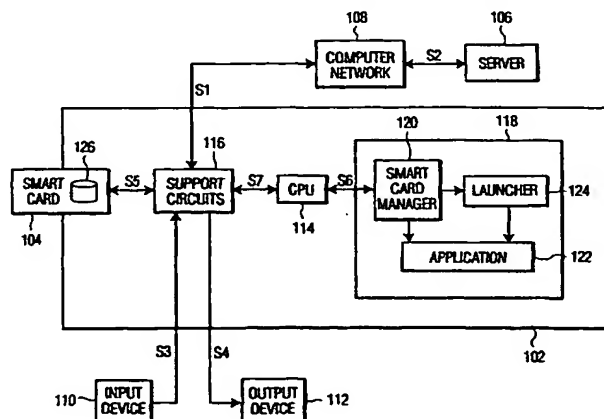
(43) International Publication Date
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number
WO 01/06469 A1

- (51) International Patent Classification⁷: **G07F 17/16**, H04N 7/16, 7/173, G06F 1/00
- (21) International Application Number: **PCT/US00/18894**
- (22) International Filing Date: **13 July 2000 (13.07.2000)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
60/143,842 **15 July 1999 (15.07.1999)** **US**
- (71) Applicant (for all designated States except US): **THOMSON LICENSING S.A. [FR/FR]; 46 Quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).**
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **WEAVER, David, John [US/US]; 8985 Providence Drive, Noblesville, IN 46060-4569 (US). NORMAN, Richard, Allen [US/US]; 4411 Deerview Court, Indianapolis, IN 46268-3743 (US). NEWBERRY, Thomas, Patrick [US/US]; 19145 Tomlinson Road, Westfield, IN 46074-9235 (US).**
- (74) Agents: **TRIPOLI, Joseph, S. et al.; Thomson multimedia Licencing Inc., P.O. Box 5312, 2 Independence Way, Princeton, NJ 08540 (US).**
- (81) Designated States (*national*): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.**
- (84) Designated States (*regional*): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).**
- Published:**
- *With international search report.*
 - *Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **METHOD AND APPARATUS FOR USING AN INTEGRATED CIRCUIT CARD TO FACILITATE DOWNLOADING CONTENT FROM A REMOTE SERVER**



(57) Abstract: A method and apparatus for using an integrated circuit card to facilitate downloading reusable content from a server into a terminal. Specifically, the method comprises the steps of verifying that an entitlement contained in the integrated circuit card is correct for receiving the reusable content from the server and downloading the reusable content from the server into a memory of the terminal. The apparatus comprises a terminal, coupled to a remote server and an integrated circuit card, coupled to the terminal via the interface circuit, for enabling the server to download the reusable content in the terminal. The terminal comprises a processor for processing the download of the content from the server, a memory for receiving the downloaded content and an integrated circuit card interface circuit.

WO 01/06469 A1

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as elected Office

Date of mailing (day/month/year)
06 June 2001 (06.06.01)

International application No.
PCT/US00/18894

Applicant's or agent's file reference
RCA88813

International filing date (day/month/year)
13 July 2000 (13.07.00)

Priority date (day/month/year)
15 July 1999 (15.07.99)

Applicant

WEAVER, David, John et al

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:
12 February 2001 (12.02.01)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Henrik Nyberg

Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

EXPRESS EL 902321824 US

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 71.1)

To:

TRIPOLI, JOSEPH S.
THOMSON MULTIMEDIA LICENSING INC.
P.O. Box 5312
2 Independence Way
Princeton, New Jersey 08540
ETATS-UNIS D'AMERIQUE
Mrs. Ornato/ Mr. Shoneman
Fax. No. +1.609.734.9700

Date of mailing
(day/month/year)

26.11.2001

Applicant's or agent's file reference
RCA88813

IMPORTANT NOTIFICATION

International application No.
PCT/US00/18894International filing date (day/month/year)
13/07/2000Priority date (day/month/year)
15/07/1999Applicant
THOMSON LICENSING S.A. ET AL.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Event	DA Final Country Selected to Davis
Deadline	11/30/01
Entered	DPT 11/26/01

Name and mailing address of the IPEA/

 European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 spmu d
Fax: +49 89 2399 - 4465

Atienza Vivancos, B

Tel. +49 89 2399-7891



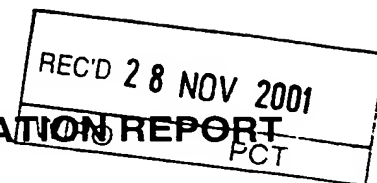
Form POT/IPEA/416 (July 1992)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)



Applicant's or agent's file reference RCA88813	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/18894	International filing date (day/month/year) 13/07/2000	Priority date (day/month/year) 15/07/1999
International Patent Classification (IPC) or national classification and IPC G07F17/16		
Applicant THOMSON LICENSING S.A. ET AL.		



1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 8 sheets, including this cover sheet.

☒ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

 These annexes consist of a total of 2 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 12/02/2001	Date of completion of this report 26.11.2001
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Aupiais, B  Telephone No. +49 89 2399 2756

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US00/18894

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, pages:

1-10 as originally filed

Claims, No.:

1-11 with telefax of 13/06/2001

Drawings, sheets:

1/2,2/2 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/US00/18894

☐ the drawings, sheets:

5. ☒ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

see separate sheet

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	5-9
	No:	Claims	1-4, 10-11
Inventive step (IS)	Yes:	Claims	
	No:	Claims	1-11
Industrial applicability (IA)	Yes:	Claims	1-11
	No:	Claims	

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US00/18894

Reference is made to the following documents:

D1: WO-A-9912088

D2: WO-A-9719395

D3: EP-A-0 788 080

D4: WO-A-9843430

Re Item I

Basis of the report

The amendments filed with the fax dated 13.06.2001 introduce subject-matter which extends beyond the content of the application as filed, contrary to Article 34(2)(b) PCT. The amendments concerned are the following:

Claim 1

It seems that the subject-matter of claim 1 as originally filed relates to a method using the first embodiment of the system mentioned in the description page 3, lines 1-5, i.e. a system comprising a point-to-point network. The subject-matter of present claim 1 relates to a method using the second embodiment of the system mentioned in the description page 3, lines 5-9, i.e. a system comprising a broadcast network such that the terminal receives software or reusable content that is simultaneously transmitted to a plurality of terminals from the remote server. Present claim 1 by using the features "verifying that an entitlement contained in the integrated circuit card is correct for operatively receiving the content" and "receiving and handling the content from the server via the terminal" corresponds to a generalization of the specific embodiment using a broadcast network and disclosed at page 4, lines 23-25 and page 6, lines 10-11 and 17-26. However, this generalization constitutes an amendment inadmissible under Article 34(2)(b) PCT since the overall change in the content of the application results in the skilled person being presented with information which is not directly and unambiguously derivable from that previously presented by the application, even when account is taken of matter which is implicit to a person skilled in the art.

Furthermore, no basis can be found in the application as originally filed for the

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US00/18894

introduction for the first time of the term "operatively" in the expression "correct for operatively receiving the content".

The deletion of "reusable" as regards the feature "reusable content" constitutes an amendment inadmissible under Article 34(2)(b) PCT as it is not permissible to delete from an independent claim a feature which the application as originally filed consistently presents as being an essential feature of the invention.

Claim 4

The introduction of the feature "authorizing said handling of the content" corresponds to a generalization of the specific feature related to the embodiment using a broadcast network and disclosed at page 4, lines 23-35 and page 6, lines 10-11 and 17-26. However, the introduction of the feature "authorizing said handling of the content" is not admissible as replacing a disclosed specific feature by a broad general expression constitutes an amendment inadmissible under Article 34(2)(b) PCT where use of such a general expression for the first time implicitly associates with the subject-matter of the application specific features going beyond the initial disclosure.

Claim 10

The deletion of "reusable" as regards the feature "reusable content" constitutes an amendment inadmissible under Article 34(2)(b) PCT as it is not permissible to delete from an independent claim a feature which the application as originally filed consistently presents as being an essential feature of the invention.

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

This report has been established as if some of the amendments had not been made since they have been considered to go beyond the disclosure as filed (see Basis of the report), that is to say as if the term "reusable" had not been deleted from claims 1-3 and 9-10 and independent claim 10 had not been amended.

However, the features of claims 1 and 4 which are considered to constitute an inadmissible generalization of disclosed specific features (see Basis of the report) have been taken into account for the establishment of the following statement with regard to novelty and inventive step.

Independent claim 1

Document D2 is regarded as being the closest prior art to the subject-matter of claim 1, and discloses (cf. claims 1, 5 and 6; page 7, lines 13-26; page 12, line 4 - page 13, line 16; Fig. 8) (the references in parentheses applying to this document):

a method for using an integrated circuit card (330) (cf. page 12, lines 4-8) to facilitate downloading reusable content from a server (100) to a terminal (200), the method comprising the steps of:

broadcasting reusable content from the server (100);

verifying that an entitlement (subscription code) contained in the integrated circuit card (330) is correct for operatively receiving the reusable content (cf. page 12, lines 4-8 and page 12, line 31 - page 13, line 16); and

receiving and handling the content from the server via the terminal (cf. page 12, line 31 - page 13, line 16).

The subject-matter of claim 1 is therefore not novel (Article 33(2) PCT).

Dependent claims 2-9

Dependent claim 2 to 9 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step, the reasons being as follows:

(a) The additional features of claims 2-4 are already known from D2:

- claim 2: see D2, page 12, line 4 - page 13, line 16

- claim 3: see D2, page 11, lines 20-25

- claim 4: see D2, page 12, line 31 - page 13, line 11

(b) The additional features of claims 5-7 and 9 are known from D4.

- claim 5: see D4, page 4, lines 16-20

- claim 6: see D4, page 44, lines 15-17

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/US00/18894

- claim 7: see D4, page 40, lines 13-16

- claim 9: see D4, page 18, lines 12-17; page 28, lines 11-27

It would be obvious to the person skilled in the art, namely when the same result is to be achieved, to apply these features with corresponding effect to a method according to document D2, thereby arriving at a method according to claims 5-7 and 9.

(c) The additional features of claim 8 are known from D1 (see page 6, lines 23-27; page 8, lines 6-9; page 10, line 30 - page 11, line 2).

It would be obvious to the person skilled in the art, namely when the same result is to be achieved, to apply these features with corresponding effect to a method according to document D2, thereby arriving at a method according to claim 8.

Independent claim 10

Document D1 is regarded as being the closest prior art to the subject-matter of claim 10, and discloses (cf. page 4, line 15 - page 13, line 31; claims 1, 3, 4, 7, 9) (the references in parentheses applying to this document):

a system for securely downloading reusable content (Software-Objekt) from a server (NR), the system comprising:

a terminal (AR), coupled to the server (NR), having a processor for processing the download of the reusable content (Software-Objekt) from the server (NR), a memory for receiving the downloaded reusable content and an integrated circuit card interface circuit (23);

an integrated circuit card (10), coupled to said interface circuit (23), for providing an entitlement message enabling said terminal to download the reusable content from the server (cf. page 9, line 24 - page 10, line 3; page 12, lines 27-31; claim 3).

The subject-matter of claim 10 is therefore not novel (Article 33(2) PCT).

Dependent claim 11

Dependent claim 11 does not contain any features which, in combination with the features of claim 10 to which it refers, meet the requirements of the PCT in respect of novelty because the additional features of this claim are already known

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

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from D1 (see page 8, lines 27-36; page 12, lines 27-31; claim 3).

Re Item VII

Certain defects in the international application

Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1, D2 and D3 is not mentioned in the description, nor are these documents identified therein.

The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).

What is claimed is:

1. A method for using an integrated circuit card to facilitate downloading reusable content from a server into a terminal, the method comprising the steps of:
 - verifying that an entitlement contained in the integrated circuit card is correct for receiving the reusable content from the server; and
 - downloading the reusable content from the server into a memory of the terminal.
2. The method of claim 1 wherein the reusable content is a software application.
3. The method of claim 1 wherein the reusable content is multimedia content.
4. The method of claim 1 wherein the integrated circuit card contains pre-loaded entitlements.
5. The method of claim 1 wherein the entitlement is downloaded into the integrated circuit card from the server.
6. The method of claim 1 wherein the reusable content is encrypted.
7. The method of claim 6 further comprising the step of:
 - decrypting the encrypted reusable content from the server.
8. The method of claim 1 further comprising the step of:
 - updating an entitlement database on said integrated circuit card after an entitlement is used to download said reusable content.

*replaced
art. 34
Amendment*

9. The method of claim 1 wherein said verifying step further comprises the steps of:

downloading an entitlement for a desired reusable content; and
storing said downloaded entitlement into said integrated circuit card.

10. A system for securely downloading reusable content from a server, the system comprising:

a terminal, coupled to the server, having a processor for processing the download of the reusable content from the server, a memory for receiving the downloaded reusable content and an integrated circuit card interface circuit;

an integrated circuit card, coupled to said interface circuit, for providing an entitlement message enabling said terminal to download the reusable content from a server.

11. The system of claim 10 wherein said integrated circuit card comprises an entitlement database.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference RCA88813	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 00/ 18894	International filing date (day/month/year) 13/07/2000	(Earliest) Priority Date (day/month/year) 15/07/1999
Applicant THOMSON LICENSING S.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/18894

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G07F17/16 H04N7/16 H04N7/173 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G07F H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 12088 A (WIEHLER GERHARD ;SIEMENS NIXDORF INF SYST (DE)) 11 March 1999 (1999-03-11) page 4, line 15 -page 13, line 31; claims 1,3,4,7,9 ---	1,2,4,5, 8-11
X	WO 97 19395 A (PHILIPS ELECTRONICS NV ;PHILIPS NORDEN AB (SE)) 29 May 1997 (1997-05-29) page 7, line 13 -page 8, line 7 page 8, line 27 -page 9, line 15 page 11, line 20 -page 11, line 25 page 12, line 4 -page 13, line 16 --- -/--	1-4,10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

30 November 2000

Date of mailing of the international search report

06/12/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Aupiais, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/18894

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 788 080 A (CANON KK) 6 August 1997 (1997-08-06) column 2, line 45 -column 3, line 16 column 4, line 22 -column 6, line 55 column 18, line 16 -column 19, line 21 column 27, line 6 -column 27, line 30 ----	1-4,6,7, 10
X	EP 0 915 410 A (SONY CORP) 12 May 1999 (1999-05-12) column 4, line 55 -column 16, line 2 column 21, line 17 -column 36, line 37 column 41, line 5 -column 42, line 57 ----	1,3,4,10
A	WO 98 43430 A (SARZENS PHILIP DE ;TULLAYE PIERRE DE (FR); CANAL PLUS SA (FR); FIC) 1 October 1998 (1998-10-01) page 12, line 3 -page 13, line 20 page 14, line 15 -page 14, line 27 page 16, line 1 -page 16, line 7 page 18, line 11 -page 18, line 17 page 22, line 15 -page 22, line 26 page 25, line 21 -page 28, line 27 page 30, line 10 -page 32, line 22 page 39, line 1 -page 44, line 17 -----	1,2,4,5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/18894

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9912088	A	11-03-1999	AU	1020199 A	22-03-1999
			EP	1010052 A	21-06-2000
WO 9719395	A	29-05-1997	CN	1169189 A	31-12-1997
			EP	0804756 A	05-11-1997
EP 0788080	A	06-08-1997	JP	9212554 A	15-08-1997
			JP	9212252 A	15-08-1997
EP 0915410	A	12-05-1999	JP	11143719 A	28-05-1999
			CN	1221185 A	30-06-1999
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10/030601

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Docket No. RCA 88813
Inventor(s) David John Weaver, Richard Allen Norman,
Thomas Patrick NewberrySerial No. _____
Filed: _____ et al. _____
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